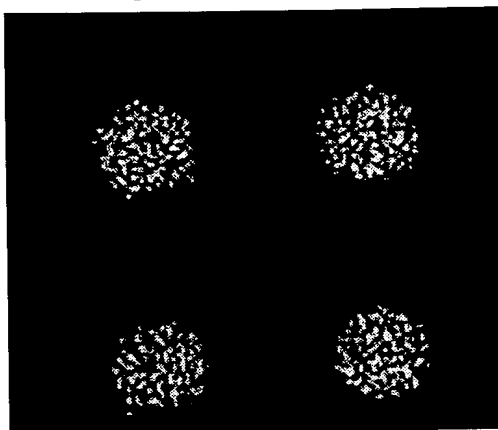


FIG. 1A

PO_2^-



$\longleftrightarrow 50\mu\text{m}$

FIG. 1B

PO_3^-

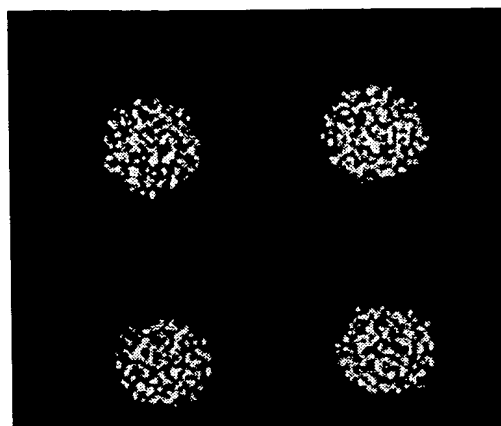


FIG. 1C

$\text{PO}_2^- + \text{PO}_3^-$

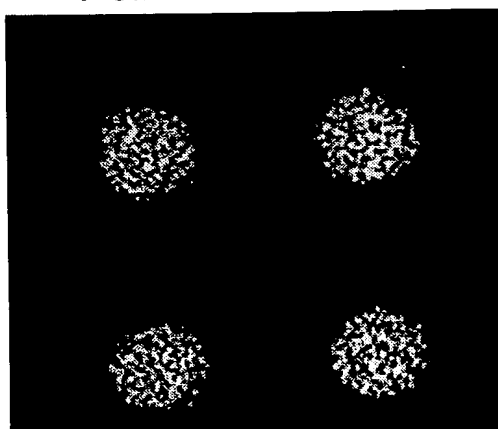


FIG. 1D

$\text{C}_5\text{H}_5\text{N}_2\text{O}_2$

$(\text{thymine-H})^-$

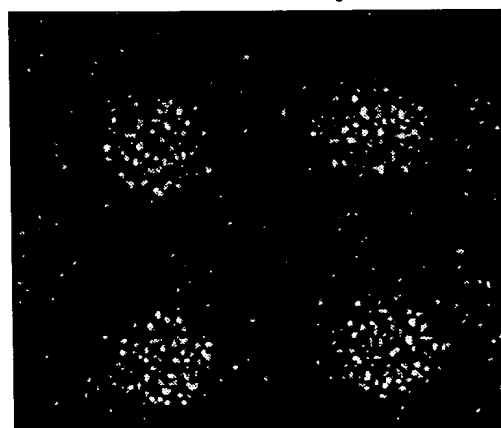


FIG. 2

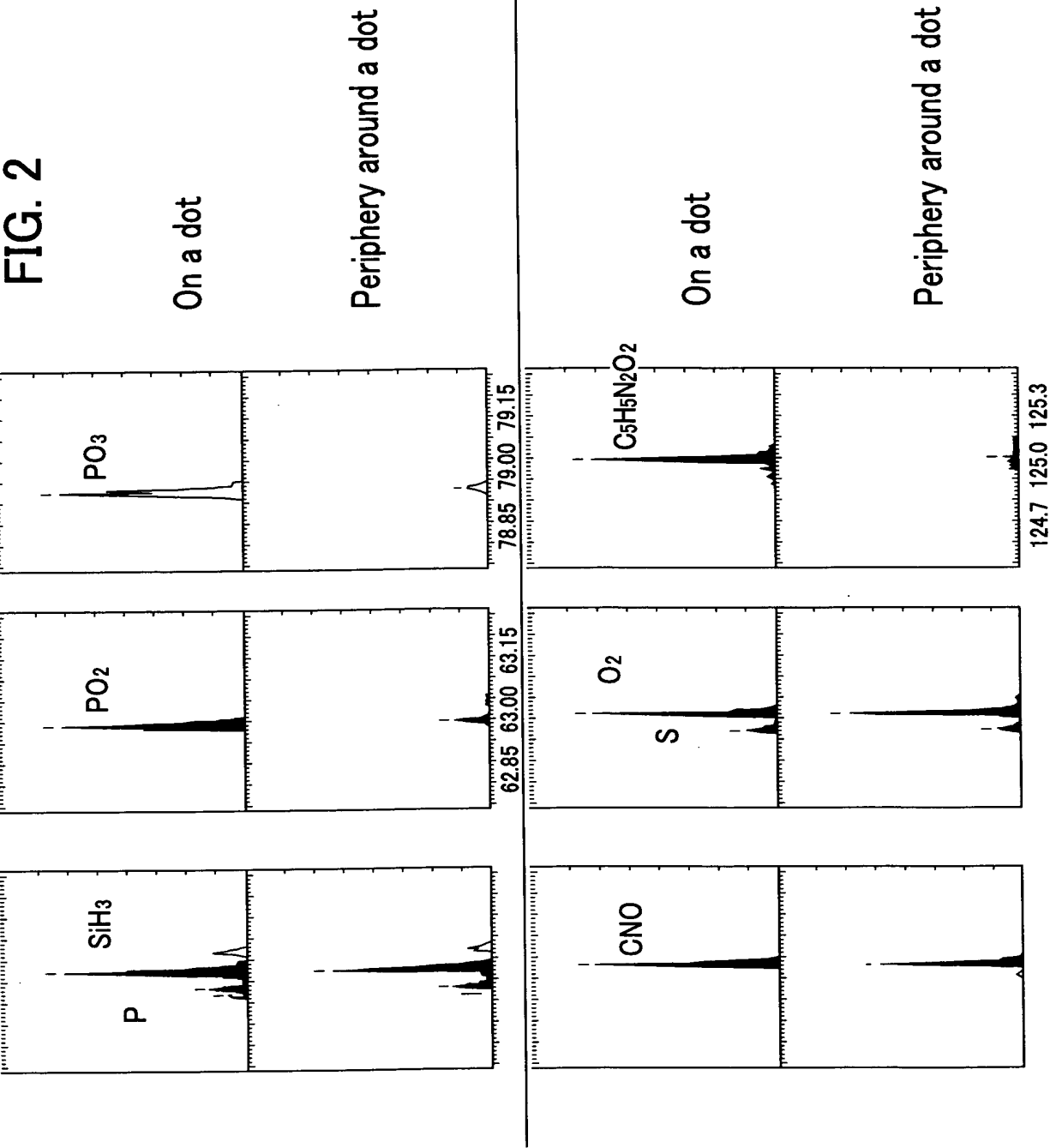


FIG. 3

